

Datasheet for ABIN7548489  
**HYAL4 Protein (AA 1-481) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HYAL4
Protein Characteristics:	AA 1-481
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HYAL4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant HYAL4 Protein expressed in mammalian cells.
Sequence:	<p>MKVLSEGLK LCVVQPVHLT SWLLIFFILK SISCLKPARL PIYQRKPFIA AWNAPTDQCL IKYNLRLNLK MFPVIGSPLA KARGQNVTF YVNRLGYYPW YTSQGVPIG GLPQNISLQV HLEKADQDIN YYIPAEDFSG LAVIDWEYWR PQWARNWNSK DVYRQKSRKL ISDMGKNVSA TDIEYLAKVT FEESAKAFMK ETIKLGIKSR PKGLWGYLY PDCHNINVYA PNYSGSCPED EVLRRNELSW LWNSSAALYP SIGVWKS LGD SENILRFSKF RVHESMRIST MTSHDYALPV FVYTRLGYRD EPLFFLSKQD LVSTIGESAA LGAAGIVIWG DMNLTASKAN CTKVKQFVSS DLGSYIANVT RAAEVCSLHL CRNNGRCIRK MWNAPSYLHL NPASYHIEAS EDGEFTVKGK ASDTDLAVMA DTFSCHCYQG YEGADCREIK TADGCSGVSP SPGSLMTLCL LLLASYRSIQ L</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

HYAL4

### Alternative Name:

HYAL4 ([HYAL4 Products](#))

### Background:

Hyaluronidase-4 (Hyal-4) (EC 3.2.1.35) (Chondroitin sulfate endo-beta-N-acetylgalactosaminidase) (Chondroitin sulfate hydrolase) (CSHY) (Hyaluronoglucosaminidase-4),FUNCTION: Endo-hyaluronidase that degrades hyaluronan to smaller oligosaccharide fragments. Has also chondroitin sulfate hydrolase activity, The best substrate being the galactosaminidic linkage in the sequence of a trisulfated tetrasaccharide. {ECO:0000269|PubMed:16104017, ECO:0000269|PubMed:19889881}.

### Molecular Weight:

54.2 kDa

### UniProt:

[Q2M3T9](#)

### Pathways:

[Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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